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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/265,373	03/10/1999	HIROYUKI FUJITA	29284/481	4442

23838 7590 06/23/2004

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WASHINGTON, DC 20005

EXAMINER

NGUYEN, PHUONGCHAU BA

ART UNIT	PAPER NUMBER
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2665

DATE MAILED: 06/23/2004

19

Please find below and/or attached an Office communication concerning this application or proceeding.

19

Office Action Summary

Application No.

09/265,373

Applicant(s)

FUJITA ET AL.

Examiner

Phuongchau Ba Nguyen

Art Unit

2665

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 April 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 2 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1 and 2 is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☒ Certified copies of the priority documents have been received in Application No. 08/789,116.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____

QUAYLE ACTION

1. This application is in condition for allowance except for the following formal matters:

Claim 1, line 15:

“said” had been changed to ---a---

Claim 1, line 28:

“the” had been changed to ---a---

Claim 1, lines 30, 32, 33:

“interchange” had been deleted

Claim 1, line 31:

“lien” had been changed to ---line---

Claim 1, lines 39-41: after the phrase “in such a manner that” deleted everything

to the end of the sentence and replaced with

---the outputs of the low speed signals being output to the high speed interface circuit packs are the inputs to an another high

speed interface circuit pack via said connecting circuits pack as the
low signals to the low speed interface circuit packs ---

Claim 2, line 9:

insert ---plurality of --- before the "low speed interface"

Claim 2, line 27:

"the" had been changed to ---a---

Claim 2, lines 29, 31, 32:

"interchange" had been deleted

Claim 2, line 36:

"a time slot" had been changed to ---the time slot ---

Claim 2, line 37:

"a" had been changed to ---the---

Claim 2, lines 45-50: after the phrase "in such a manner that" deleted
everything to the end of the sentence and replaced with

---the outputs of the low speed signals being output to the high
speed interface circuit packs are the inputs to an another high

speed interface circuit pack via said add/drop circuit pack as the
low signals to the low speed interface circuit packs ---

Prosecution on the merits is closed in accordance with the practice under
Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire TWO
MONTHS from the mailing date of this letter.

2. The following is an examiner's statement of reasons for allowance:

Regarding to claims 1-2, the prior art fails to teach or suggest a
multiplex conversion unit comprising a four types of circuit packs including a
high speed interface circuit pack, a low speed interface circuit pack, an
add/drop multiplex circuit pack and a connecting circuit pack, wherein "the
outputs of the low speed signals being output to the high speed interface
circuit packs are the inputs to an another high speed interface circuit pack via
said connecting circuits pack or said add/drop circuit pack as the low signals to

the low speed interface circuit packs", in combination with other limitations, as specified in the independent claims 1 and 2.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuongchau Ba Nguyen whose telephone number is 703-305-0093. The examiner can normally be reached on Monday-Friday from 10:00 a.m. to 2:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu can be reached on 703-308-6602. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DUCHO
PRIMARY EXAMINER

Suchitta

6-15-04

PN
Phuongchau Ba Nguyen
Examiner
Art Unit 2665